



Certificate of Analysis

IL-21R Protein, Mouse (HEK293, Fc)

Cat. No.: HY-P73889
Batch No.: 273621
Species: Mouse
Source: HEK293
Tag: C-hFc
Accession: Q9JHX3 (C20-P236)
Gene ID: 60504
Molecular Weight: 63-75 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Mouse IL-21, at 5 μg/mL (100 μL/well) can bind Biotinylated Mouse IL-21R protein. The ED ₅₀ for this effect is 25.10 ng/mL.	PASS
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

Caution: Product has not been fully validated for medical applications. For research use only.

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